

## EAST Search History

JMA

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	("5949483") or ("5541654") or ("5430294").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:37
S3	1489	fovea	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:37
S4	367	S3 and (image-sensor or image adj sensor or imager or CCD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:38
S5	193	S4 and motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:38
S6	9	S4 and motion with velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:43
S7	44	S4 and motion and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 11:43
S8	1	("2004/0095492").URPN.	USPAT	OR	OFF	2007/03/19 11:44
S9	16	("20020180877"   "20040095492"   "4267573"   "4554585"   "5063604"   "5166511"   "5587580"   "5712729"   "5739852"   "5887078"   "6455831"   "6522356"   "6526160"   "6563101").PN. OR ("7009645").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:45
S10	2	("2002/0180877").URPN.	USPAT	OR	OFF	2007/03/19 11:49
S11	5	("5796095").PN. OR ("6455831").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:49
S12	33	("4028725"   "4061914"   "4100570"   "4101929"   "4198646").PN. OR ("4554585").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:50

## EAST Search History

S13	11	("20020040961"   "4713533"   "5216480"   "5313409"   "5440112"   "5796095"   "6455831"   "6462810"   "6487011"   "6587244").PN. OR ("6957493").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:53
S14	11	("5196939"   "5323987"   "5461425"   "5644386"   "5949483"   "5961571"   "6166367"   "6434254"   "6455831").PN. OR ("6839452").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:55
S15	11	("4691242"   "5258618").PN. OR ("5796095").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/19 11:55
S16	7	(US-20020180877-\$).did. or (US-7009645-\$ or US-6455831-\$ or US-4554585-\$ or US-6957493-\$ or US-6839452-\$ or US-5796095-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:50
S17	0	S16 and track\$4 with brightness	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:50
S18	0	S16 and track\$4 with luminance	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:50
S19	5	S16 and track\$4	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:52
S20	1	S16 and track\$4 with chang\$4	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:52
S21	1213	track\$4 with chang\$4 with (brightness or luminance or intensity)	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:58
S22	80	track\$4 with chang\$4 with (brightness or luminance or intensity) with (velocity or speed)	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:00
S23	7	S22 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:54
S24	188	S21 and track\$4 .ti.	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:00
S25	22	S24 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:07
S26	514	S21 and (airplane or plane)	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:59
S27	14	S21 and (airplane or plane) with target	US-PGPUB; USPAT	OR	OFF	2007/03/19 12:59
S28	118	track\$4 with chang\$4 with brightness	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:00
S29	23	S28 and track\$4 .ti.	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:07

## EAST Search History

S30	101	tiled adj arrays	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:10
S31	6	S30 and cmos	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:07
S32	20	S30 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:10
S33	0	("2004/0012689").URPN.	USPAT	OR	OFF	2007/03/19 13:08
S34	0	("2004/0012688").URPN.	USPAT	OR	OFF	2007/03/19 13:09
S35	2	tiled adj arrays .ti.	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:10
S36	1	tiled adj array .ti.	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:10
S37	47	tiled near3 (ccd\$2 or imager\$2 or image adj sensor\$2 or image-sensor\$2)	US-PGPUB; USPAT	OR	OFF	2007/03/19 13:11
S38	0	("2004/0012684").URPN.	USPAT	OR	OFF	2007/03/19 13:13
S39	0	"20030169847"	USPAT	OR	OFF	2007/03/19 13:13
S40	2	("20030169847").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:19
S41	2	("5464984").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:14
S42	2	("6259478").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:14
S43	2	("5016109").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:15
S44	2	("6970586").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:15
S45	0	("12adjarrays").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:19

## EAST Search History

S46	0	S12 adj arrays	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:21
S47	884	(348/102.14,169,170,171,172). CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:21
S48	0	("47andarrays").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:21
S49	105	S47 and arrays	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:23
S50	4	S47 and tiled	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:24
S51	482	S47 and (velocity or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:28
S52	3	S51 and circumferential\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:25
S53	17	S51 and ("12" or twelve) near3 (arrays or sensors or CCD\$4 or imagers or image-sensors or image adj sensors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:27
S54	27500	("12" or twelve) near3 (arrays or sensors or CCD\$4 or imagers or image-sensors or image adj sensors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:28
S55	1743	S54 and tracking	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:28

## EAST Search History

S56	1145	S55 and (velocity or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:29
S57	1077	S56 and background	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:29
S58	15	S57 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 13:29
S59	0	("10610844").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:15
S60	2	("5555023").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:45
S61	2	("6441921").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:49
S62	0	("humanadjreadable").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:50
S63	11201	human adj readable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:50
S64	29	human adj readable with sound	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 16:50
S65	4	human adj readable near3 sound	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 17:42

## EAST Search History

S66	2	("6710818").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 17:57
S67	2	("4779135").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/19 17:57
S68	6	("5796095").PN. OR ("6455831").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44
S69	930	(348/102.14,169,170,171,172).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S70	108	S69 and arrays	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S71	1	("2004/0095492").URPN.	USPAT	OR	OFF	2007/11/06 13:44
S72	35	("4028725"   "4061914"   "4100570"   "4101929"   "4198646").PN. OR ("4554585").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44
S73	1615	fovea	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S74	394	S73 and (image-sensor or image adj sensor or imager or CCD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S75	9	S74 and motion with velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S76	48	S74 and motion and velocity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44

## EAST Search History

S77	505	S69 and (velocity or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S78	17	S77 and ("12" or twelve) near3 (arrays or sensors or CCD\$4 or imagers or image-sensors or image adj sensors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S79	3	S77 and circumferential\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S80	7	(US-20020180877-\$).did. or (US-7009645-\$ or US-6455831-\$ or US-4554585-\$ or US-6957493-\$ or US-6839452-\$ or US-5796095-\$). did.	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S81	0	S80 and track\$4 with brightness	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S82	0	("47andarrays").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S83	0	S72 adj arrays	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S84	29185	("12" or twelve) near3 (arrays or sensors or CCD\$4 or imagers or image-sensors or image adj sensors)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S85	1890	S84 and tracking	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S86	0	("12adjarrays").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44

## EAST Search History

S87	2	("20030169847").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S88	0	("2004/0012684").URPN.	USPAT	OR	OFF	2007/11/06 13:44
S89	1300	track\$4 with chang\$4 with (brightness or luminance or intensity)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S90	551	S89 and (airplane or plane)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S91	194	S89 and track\$4 .ti.	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S92	1244	S85 and (velocity or speed)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S93	1169	S92 and background	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S94	15	S93 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S95	2	("6970586").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S96	23	S91 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S97	0	S80 and track\$4 with luminance	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S98	12	("4691242"   "5258618").PN. OR ("5796095").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44
S99	0	("2004/0012688").URPN.	USPAT	OR	OFF	2007/11/06 13:44
S100	13	("5196939"   "5323987"   "5461425"   "5644386"   "5949483"   "5961571"   "6166367"   "6434254"   "6455831").PN. OR ("6839452"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44

## EAST Search History

S10 1	2	("5016109").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S10 2	2	("6259478").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S10 3	95	track\$4 with chang\$4 with (brightness or luminance or intensity) with (velocity or speed)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S10 4	7	S103 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S10 5	0	"20030169847"	USPAT	OR	OFF	2007/11/06 13:44
S10 6	4	S69 and tiled	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S10 7	1	tiled adj array .ti.	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S10 8	2	tiled adj arrays .ti.	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S10 9	1	S80 and track\$4 with chang\$4	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 0	54	tiled near3 (ccd\$2 or imager\$2 or image adj sensor\$2 or image-sensor\$2)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 1	5	S80 and track\$4	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 2	0	("2004/0012689").URPN.	USPAT	OR	OFF	2007/11/06 13:44
S11 3	122	tiled adj arrays	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 4	25	S113 and (ccd or imager or image adj sensor or image-sensor)	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 5	6	S113 and cmos	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 6	126	track\$4 with chang\$4 with brightness	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 7	23	S116 and track\$4 .ti.	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44

## EAST Search History

S11 8	17	S89 and (airplane or plane) with target	US-PGPUB; USPAT	OR	OFF	2007/11/06 13:44
S11 9	11	("20020040961"   "4713533"   "5216480"   "5313409"   "5440112"   "5796095"   "6455831"   "6462810"   "6487011"   "6587244").PN. OR ("6957493").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44
S12 0	2	("2002/0180877").URPN.	USPAT	OR	OFF	2007/11/06 13:44
S12 1	17	("20020180877"   "20040095492"   "4267573"   "4554585"   "5063604"   "5166511"   "5587580"   "5712729"   "5739852"   "5887078"   "6455831"   "6522356"   "6526160"   "6563101").PN. OR ("7009645").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/06 13:44
S12 2	203	S74 and motion	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 3	6	(("5949483") or ("5541654") or ("5430294")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 4	2	("5464984").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 5	0	("10610844").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 6	2	("5555023").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 7	39	human adj readable with sound	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44

## EAST Search History

S12 8	2	("6441921").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S12 9	0	("humanadjreadable").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S13 0	12427	human adj readable	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S13 1	5	human adj readable near3 sound	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S13 2	2	("6710818").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44
S13 3	2	("4779135").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/06 13:44